As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought on the invention entitled POLYPEPTIDE WITH 46 KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT-CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE, AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE THEREOF, the

<u>X</u> _	is attached hereto	as	Application	Serial	No.	
	was lifed on					
	and was amended on		<del></del> •			

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent for inventor's certificate having a filing date before that of the application which priority is claimed:

Prior Foreign Application(s): None.

specification of which:

I hereby claim the benefit under Title 35, United States Code, §120 of lany United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: NONE.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on infor- mation and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<u>POWER OF ATTORNEY</u>: As a named inventor, I hereby appoint Donald R. Comuzzi, Registration No. 22,852; Charles W. Hanor, Registration No. 27,132; Gale R. Peterson, Registration No. 28,823; William H. Quirk, IV, Registration No. P/33,996; and Viviana Amzel, Registration No. 30,930, all of Cox & Smith Incorporated, 2000 NBC Bank Plaza, 112 East Pecan Street, San Antonio, Texas 78205 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please direct all corre indence to:

Viviana Amzel, Ph.D.
COX & SMITH INCORPORATED
2000 NBC Bank Plaza
112 East Pecan Street
San Antonio, Texas 78205

Direct telephone calls to Viviana Amzel at 512/554-5325.

Full Name of sole or first inventor	14/21/90
The to Cayner	Date
Inventor's signature	Date
Lafayette, California	
Residence	·
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U.S.A.	
Citizenship	
1089 Via Roble, Lafavette, California	94549
Post Office Address	
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Jerry Arthur Peterson	0.717
Full Name of second joint inventor, if	ally
The state of the s	10/31/91
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Second Inventor's signature	•
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Lafayette, California	
Residence .	
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U.S.A. Citizenship  1089 Via Roble, Lafavette, California Post Office Address  David James Larocca Full Name of third inventor, if any Inventor's signature  San Leandro, California	10/31/

Post Office Address

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  Roberto L. Ceriani et al.	) Examiner: ) Art Unit: 1806
Serial No.: 08/482,596	) CRFC-046
Filed: June 7, 1995	
For: FUSION PROTEIN WITH 46 KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICE COMPOSITION, KIT & METHODS	) TY,) )
CERTIFICATE UNDER 37 C.F.R. ESTABLISHING RIGHT OF ASSIGNEE TO	
Assistant Commissioner for Patents Washington, D.C. 20231	
Sir/Madam:	·
The CANCER RESEARCH FUND OF CONTRA COST duly organized and existing under the laws of the State of Californ assignee of the entire right, title and interest in the patent applicate either:	rnia, certifies that it is the
A. [X] An assignment from the inventor(s) of the patent applica assignment was recorded in this case on April 21, 1993, Frame 0240, a copy of which is attached.	
or	
B. [ ] A chain of title from the inventor(s), of the patent applic current assignee as shown below:  1. From: To:  The document was recorded in the Patent and Transport Frame, or for which a copy thereof is attach	ademark Office at Reel,

2.	From: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
3	From: To: The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.
[]	Additional documents in the chain of title are listed on a supplemental sheet.
[ ] Copies o	f assignments or other documents in the chain of title are attached.
application ic	indersigned has reviewed all the documents in the chain of title of the patent dentified above and, to the best of the undersigned's knowledge and belief, title is in identified above. The undersigned (whose title is supplied below) is empowered to ificate on behalf of the assignee.
all statements statements ar punishable by Code, and the patent issuing	
Date:	9/6/97
Name: <u>Jerry</u>	A. Peterson, Ph.D.
Title: Chief	Executive Officer
Signature:	

CRFC-0004-2

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Group Art Unit: 1814

Roberto Luis Ceriani et al.

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Serial No:

07/607.538

Filed: November 1, 1990

Examiner: David Schmickel

Title: POLYPEPTIDE WITH 46KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE

#### ASSIGNMENT OF ENTIRE RIGHT, TITLE AND INTEREST

This Assignment, by David James Larocca, residing at 1530 Calle Tulipanes, Encintas, California 92024, hereinafter referred to as the assignor, witnesseth

WHEREAS, the said assignors have invented together with Roberto L. Cerian and Jerry A. Peterson certain new and useful improvements in POLYPEPTIDE WITH 46KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE set forth in an application for Letters Patent of the United States,

[]	having an Oath or Declaration	executed	on even date h	erewith
[X].	bearing Serial No. 07/607,53	B and filed	on November	1, 1990
[]	issued as Patent No	on	; and	

Whereas, CANCER RESEARCH FUND OF CONTRA COSTA, a corporation duly organized under and pursuant to the laws of CALIFORNIA, and having its principal place of business at 2055 North Broadway, Walnut Creek, California 94596 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of <u>One (1.00)</u> Dollar, and in consideration of the benefits stipulated in the applicable "Cancer Reserach Fund of Contra Costa Patent Policy", and in fulfillment of our Patent Agreement with Cancer Reserach Fund of Contra Costa, and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignor have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made: AND

for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successor(s), legal representative(s) and assign(s), that, at the time of execution and delivery of these presents, the said assignor is together with Roberto L. Ceriani and Jerry A. Peterson are the sole and lawful owners of the entire right, title and interest in and to the said inventions, and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said, assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth; AND

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for the same consideration, the said assignor hereby covenants and agrees to and with the said assignee, its successor(s), legal representative(s) and assign(s), that the said assignor will, whenever counsel of the said assignee, or the counsel of its successor(s), legal representative(s) and assign(s), shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letter Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignors, its successor(s), legal representative(s) and assign(s); but at the cost and expense of the said assignee, its successor(s), legal representative(s) and assign(s); AND

the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successor(s), legal representative(s) and assign(s).

3 3193 Date	2 Airs James Larroca	nocea_
personally known to me or pro	, 1993, before me <u>the undersonally appeared to locally appeared to locally appeared</u> to me on the basis of satisfactoribed to the within instrument and a	S (and ), ory evidence to be
WITNESS my hand and official	I seal.	PATENT
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STATE OF CALIFORNIA

COUNTY OF

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#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Group Art Unit: 1814

Roberto Luis Ceriani et al.

Serial No:

07/607,538

Filed: November 1, 1990

Examiner: David Schmickel

Title: POLYPEPTIDE WITH 46KDALTON HMFG DIFFERENTIATION ANTIGEN

BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-

POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE

#### ASSIGNMENT OF ENTIRE RIGHT, TITLE AND INTEREST

This Assignment, by Roberto L. Ceriani, residing at 1089 Via Roble, Lafayette, California 94549 and Jerry A. Peterson, residing at 1089 Via Roble, Lafayette, California 94549, hereinafter referred to as the assignors, witnesseth

WHEREAS, the said assignors have invented together with David James Larroca certain new and useful improvements in POLYPEPTIDE WITH 46 KDALTON HMFG. DIFFERENTIATION ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS V AND VIII LIGHT CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE AND POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE set forth in an application for Letters Patent of the United States.

lJ	having an Oath or Declaration executed on even	date herewith;
[X]	bearing Serial No. 07/607,538 and filed on Nove	mber 1, 1990.
[ ]	issued as Patent Noon; a	nd

Whereas, CANCER RESEARCH FUND OF CONTRA COSTA, a corporation duly organized under and pursuant to the laws of CALIFORNIA, and having its principal place of business at 2055 North Broadway, Walnut Creek, California 94596 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of \_\_\_One\_(1.00) \_\_\_Dollar, and in consideration of the benefits stipulated in the applicable "Cancer Reserach Fund of Contra Costa Patent Policy", and in fulfillment of our Patent Agreement with Cancer Reserach Fund of Contra Costa, and other good and sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said applications, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made; AND

for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successor(s), legal representative(s) and assign(s), that, at the time of execution and delivery of these presents, the said assignors together with David James Larroca are the sole and lawful owners of the entire right, title and interest in and to the said inventions, and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein, set forth; AND

for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successor(s), legal representative(s) and assign(s), that the said assignors will, whenever counsel of the said assignee, or the counsel of its successor(s), legal representative(s) and assign(s), shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letter Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignors, its successor(s), legal representative(s) and assign(s), but at the cost and expense of the said assignee, its successor(s), legal representative(s) and assign(s); AND

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the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successor(s), legal representative(s) and assign(s).

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Date	Roberto L. Ćeriani
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S)2/033 Date	The state of the s
Date	Jerry A. Peterson
	·?
On March /2, 19	993, before me, the undersigned, a Notary
personally known to me or proved to me on	993, before me, the undersigned, a Notary beared <u>Roberto L. Cervani and Terry A. P</u> .eters the basis of satisfactory evidence to be
the person whose name is subscribed to the v he/she executed the same.	within instrument and acknowledged that
MITNESS my band and official and	
WITNESS my hand and official seal.	
	And Illowerson
OFFICIAL SEAL	Aurda & Heverson Notary Public
MANERA COLUMNIA	<b>,</b>
My Comm. Express June 13, 1995	

STATE OF CALIFORNIA

COUNTY OF HLAMEDA



UNITED STA DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DATE: 05/26/93
TO:
VIVIANA AMZEL
FISHER & AMZEL
1320 HARBOR BAY PARKWAY
SUITE 225
ALAMEDA, CA 94501

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:

DOC DATE: 03/31/93

LAROCCA, DAVID JAMES

RECORDATION DATE: 04/21/93 NUMBER OF PAGES 004 REEL/FRAME 6508/0236

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

CANCER RESEARCH FUND OF CONTRA COSTA 2055 NORTH BROADWAY WALNUT CREEK, CA 94596

SERIAL NUMBER 7-607583 FILING DATE 11/01/90 PATENT NUMBER 5,202,580 ISSUE DATE 04/13/93

EXAMINER/PARALEGAL ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION



UNITED STATE DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DATE: 05/26/93 TO: VIVIANA AMZEL FISHER & AMZEL 1320 HARBOR BAY PARKWAY

SUITE 225 ALAMEDA, CA 94501

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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ASSIGNOR:

DOC DATE: 03/12/93

CERIANI, ROBERTO LUIS

ASSIGNOR:

DOC DATE: 03/12/93

PETERSON, JERRY ARTHUR

**4** 

RECORDATION DATE: 04/21/93 NUMBER OF PAGES 004 REEL/FRAME 6508/0240

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

#### ASSIGNEE:

CANCER RESEARCH FUND OF CONTRA COSTA 2055 NORTH BROADWAY WALNUT CREEK, CA 94596

SERIAL NUMBER 7-607583 FILING DATE 11/01/90 PATENT NUMBER 5,202,580 ISSUE DATE 04/13/93

EXAMINER/PARALEGAL ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

Please direct all telephone calls to Viviana Amzel, at (510) 943-1931, all facsimiles at (510) 943-1189 and all correspondence relative to this application to

Viviana Amzel, Ph.D. 2055 North Broadway Walnut Creek, CA 94596

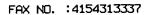
Assignee:	Cancer	Research	Fund	of	Contra	Costa

Signature:

Name : Jerry A. Peterson

Title : C.E.O.

2055 North Broadway Walnut Creek , CA 94596



FROM:

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Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire into	- 409 - 303 S erest, See 37 CFR	t <b>3,71</b> .		- 842	- 7 <u>63</u>
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Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire into Statement under 37 CFR 3.73(b) is SIGNATURE of Name  Signature	erest. See 37 CFR enclosed. (Form	3.71. PTO/SB/96)		- 845	- 763¢
Country  Telephone  I am the:  Applicant/Inventor.  Assignee of record of the entire into Statement under 37 CFR 3.73(b) is SIGNATURE of Name	erest. See 37 CFR enclosed. (Form	(3.71. PTO/SB/96) Ignee of Reco	ord		

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sand to the Chief information Officer, U. . Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT

Docket No. CRFC-004

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

: Group Art Unit: 1814

Ceriani, R. L., et al

Serial No: 07/607,538

Filed: November 1, 1990

: Examiner: Schmickel, D.

For.

POLYPEPTIDE WITH 46 KDALTON HMFG DIFFERENTIATION ANTIGEN BINDING SPECIFICITY & CLOTTING FACTORS V & VIII LIGHT-CHAIN HOMOLOGIES, FUSION PROTEIN, POLYNUCLEOTIDE & POLYRIBONUCLEOTIDE ENCODING THE POLYPEPTIDE, ANTI-POLYPEPTIDE ANTIBODIES, KITS AND METHODS OF USE

REVOCATION OF PRIOR POWER AND NEW POWER OF ATTORNEY BY ASSIGNEE AND EXCLUSION OF INVENTOR (S) UNDER RULE 32

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

Sir.

The undersigned assignee of the entire interest in the above-identified patent application hereby revokes all powers of attorney previously given, and hereby appoints the following attorney, Viviana Amzel, Ph.D.,Reg.No.30,930, of the firm of V. AMZEL & Assoc., as its attorney to prosecute this application and to transact all business in the U.S. Patent Office connected therewith, this appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of Rule 32 of the Patent Office Rules of Practice.